Year 1 — Mathematics Core Knowledge Overview

MILTON PRIMARY ACADEMY

Times Tables

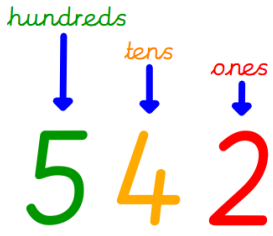
2 x 1 = 2	2 x 7 = 14	5 x 1 = 5	5 x 7 = 35	10 x 1 = 10	10 x 7 = 70
2 x 2 = 4	2 x 8 = 16	5 x 2 = 10	5 x 8 = 40	10 x 2 = 20	10 x 8 = 80
2 x 3 = 6	2 x 9 = 18	5 x 3 = 15	5 x 9 = 45	10 x 3 = 30	10 x 9 = 90
2 x 4 = 8	2 x 10 = 20	5 x 4 = 20	5 x 10 = 50	10 x 4 = 40	10 x 10 = 100
2 x 5 = 10	2 x 11 = 22	5 x 5 = 25	5 x 11 = 55	10 x 5 = 50	10 x 11 = 110
2 x 6 = 12	2 x 12 = 24	5 x 6 = 30	5 x 12 = 60	10 x 6 = 60	10 x 12 = 120

0-20 Number Line

Number Bonds Within 20

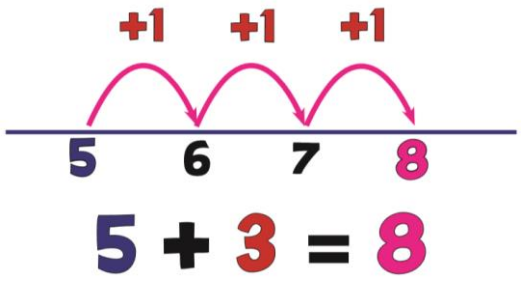
20 + 0 0 + 20	19 + 1 1 + 19	18 + 2 2 + 18	17 + 3 3 + 17	16 + 4 4 + 16	
15 + 5 5 + 15	14 + 6 6 + 14	13 + 7 7 + 13	12 + 8 8 + 12	11 + 9 9 + 11	10 + 10

Place Value

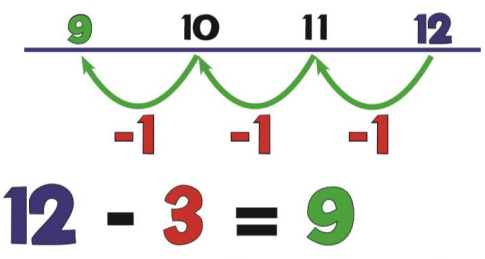


Four Operations

Addition (+)

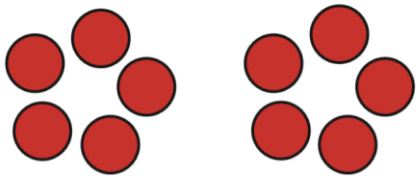


Subtraction (-)



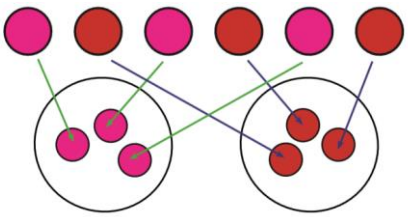
"What do I get if I take 3 away from 12? Answer: 9"

Multiplication (x)



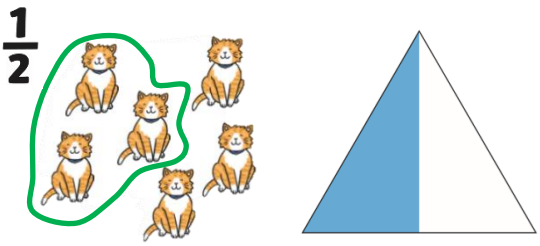
"2 groups of 5 counters makes 10 counters altogether"

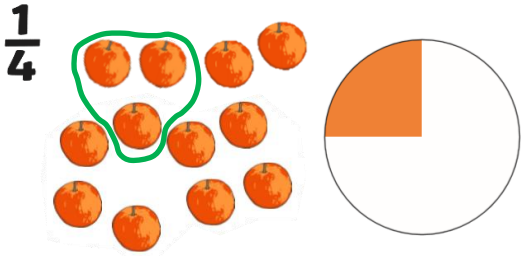
Division (÷)



"If I share 6 into 2 equal amounts, how many in each group?" Answer: 3

Fractions of Shapes or Amounts





Numbers to 100

0	zero
1	one
2	two
3	three
4	four
5	five
6	six
7	seven
8	eight
9	nine
10	ten
11	eleven
12	twelve
13	thirteen
14	fourteen
15	fifteen
16	sixteen
17	seventeen
18	eighteen
19	nineteen
20	twenty
30	thirty
40	forty
50	fifty
60	sixty
70	seventy
80	eighty
90	ninety
100	one hundred